

AMENDMENTS TO THE CLAIMS

This listing of claims will replace all prior versions, and listings, of claims in the application:

Listing of Claims:

Please cancel Claims 1-5.

1. - 5.(Cancelled).

6. (Currently Amended) An electronically-controlled locker system for use by a plurality of authorized users and managed by an administrator, said system comprising:

a first plurality of lockers wherein each locker comprises a respective electronically-activated lock;

at least one input device for allowing the plurality of authorized users to communicate with said system;

at least one locker control unit, in communication with each electronically-activated lock and with said at least one input device, said at least one locker control unit controlling the activation of said electronically-activated locks;

a computer, controlled by the administrator, for managing at least one database of authorized user and locker information;

a system control unit, in communication with said at least one locker control unit and with said computer, said system control unit providing said at least one locker control unit with said authorized user and locker information;

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wherein said at least one locker control unit uses data from said at least one input device and said authorized user and locker information to provide access to corresponding lockers for the plurality of authorized users;

wherein said at least one locker control unit is coupled to each one of said electronically-activated locks using two conductors to form a single circuit, said at least one locker control unit controlling access to said corresponding locker door and detecting the open or closed state of said corresponding locker door using said single circuit;

wherein said single circuit comprises:

one of said two conductors being coupled between said at least one locker control unit and an actuator for driving said electronically-activated lock; and

a switch, operated by the open or closed state of said corresponding locker door, having one pole coupled to said actuator and another pole coupled to said at least one locker control unit using said other one of said two conductors; and

~~The system of Claim 5~~ wherein said at least one locker control unit transmits a first pulse to energize said actuator and transmits a second pulse to determine the open or closed state of said corresponding locker door.

Please cancel Claims 7-47.

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7. - 47. (Cancelled).